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Scope - Volume 07, Number 15

Loma Linda University

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University SCOPE

Vol. 7, No. 15 Thursday, May 28, 1970

University Trustees seek goal of equitable ethnic balance

A more equitable ethnic balance among the student population of Loma Linda University is the goal of a resolution presently adopted by the University Trustees, according to an announcement by University president David J. Bieber.

"In several important areas, Loma Linda's student population does not reflect as well as it might the church's ethnic characteristics," the president pointed out, "and we are beginning positive action to improve the situation."

Specifically, the University will seek to enlarge its present programs of recruitment, counseling, and financial aid.

President Bieber commended a group of black American Seventh-day Adventist students for their conversations with administrators and trustees in which they emphasized the fact that the student roster of professional schools on the Loma Linda campus includes only eight-tenths of one percent of such students.

"This may be about twice as high as the national average," he observed, "but it is unacceptably low when one considers that black Seventh-day Adventists in North America constitute about 16 percent of the church population."

The student group was also commended for its constructive suggestions that with administrative support served as a basis for board action.

Previously, the University's master plan council had recommended that the University "make a concerted effort to develop new sources of student financial aid, with 'students from minority groups and those with cultural backgrounds indicating

special educational needs" receiving a significant portion of this increased assistance.

The council also recommended "continued development of a counseling center capable of meeting special developmental needs of students on both campuses."

The University Trustees voted to work toward an increase in the enrollment of qualified black American Seventh-day Adventist students in the professional schools on the Loma Linda campus with a target goal of 10 percent by 1975.

"We also hope to employ by next September a person from the black Seventh-day Adventist community of North America to serve as associate dean of admissions and student affairs," President Bieber announced. "His primary responsibility will be to recruit students for the professional schools on the Loma Linda campus and assist them in meeting special personal needs."

Also voted by the University Trustees was the creation of a continuing \$100,000 fund to assist, on the basis of need, black American Seventh-day Adventist students in the professional schools on the Loma Linda campus. One half of the fund will be renewed annually to provide scholarships for students in the freshman year and one half will serve as a revolving fund to provide loans to such students in any year. A substantial portion of the fund will be available for the 1971-72 school year.

The University Trustees also approved a \$50,000 addition to the University's present substantial student loan and aid

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Master plan council report approved by LLU Trustees

A good, small university rooted in Christian values and aiming for academic excellence is the goal envisioned in a report of the Loma Linda University master plan council accepted at the May meeting of the University Trustees.

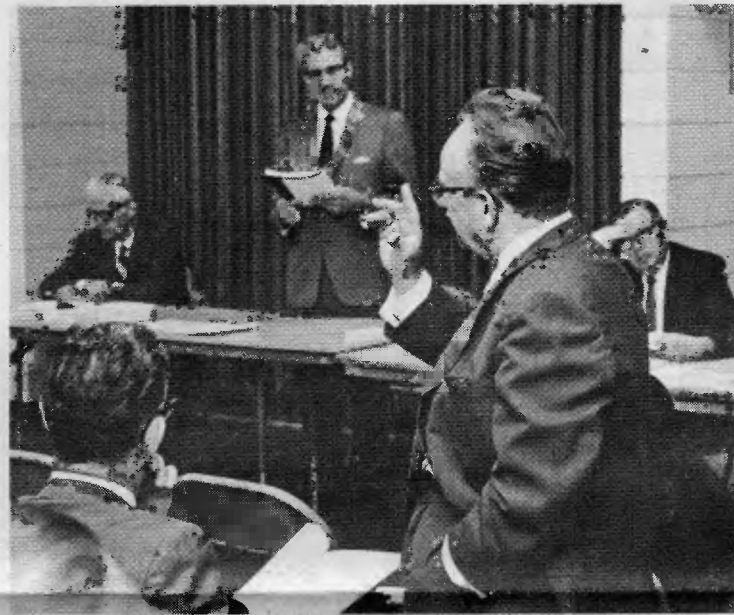
The council's five-month study also set major guidelines in University programming and organization calling simultaneously for more integration of programs and more freedom in organizational operation.

The planning process, involving well over 100 persons in an intensive five-month study of University purpose and programs, has produced a comprehensive report which was adopted at the spring meeting of the University Trustees.

The master plan council, composed of trustees and assisted by administrators and specialist consultants, conducted its study with the aid of four task forces, each studying in detail a major area of University operation.

The master plan council as a whole considered the case for Loma Linda University, governance of the institution, and community services.

In considering the nature of the institution, the master plan council at mid-point in the study made a fundamental decision to base its plan on the continuation of the Loma Linda-La Sierra merger and the development of a "good, small University." Various proposals had been made that would have resulted in a greater or lesser degree of dissolution of the merger; however, the council recommended and the trustees officially reaffirmed the original purposes of the merger. Many details of the council's report



—Photo by Ronald M. Sterling, SM'72

SECRETARY OF THE General Conference of Seventh-day Adventists Walter R. Beach (foreground, standing), discusses recommendations of the master plan council with Reinhold R. Bietz, chairman of the University Trustees and vice president of the General Conference of Seventh-day Adventists. The report was approved by the trustees last week.

reflect this fundamental decision.

Of equal importance is a reaffirmation that the purposes and objectives of Loma Linda University "are specific expressions of the general purposes and objectives of the Seventh-day Adventist church," and that it is "more important in the development of the University that it hold fast to the purposes for which it was founded, and that it exemplify and extend the Christian witness."

The council's report calls attention to the need for major decisions in defining the authority and responsibilities of the University Trustees, in re-

solving problems inherent in the University's multi-level wage scale, and developing a more useful statement of University purpose.

The trustees authorized the appointment of a trustee committee to consider these and other major considerations and to continue the work of the master plan council.

Academic affairs

Among major recommendations of the council adopted for immediate or early implementation were a six-point program for bringing the present academic programs of Loma Linda University together as

Continued on page 3

Enzymes check growth of cancer

One way to mobilize the body's defense mechanisms to stop a growing cancer was suggested yesterday to the International Cancer Congress meeting in Houston, Texas, by a team of Loma Linda University investigators.

They were able to check the growth of malignant tumors in mice, they reported, by injecting the mice intravenously on four successive days with certain constituents of lysosomes. Lysosomes, parts of most cells, are packets of highly active enzymes that break down or digest damaged or unwanted materials in body tissues.

It is believed these enzymes also collaborate with the immunologic processes which defend the body against invading viruses and other foreign organisms.

Explaining the lysosomes' effect on cancer, the theory of the Loma Linda team—Weldon B. Jolley, PhD, professor of surgery, physiology and biophysics; V. Wilfred Stuyvesant, MD, assistant professor of pathology; and two young medical students, Constance P. Steele, SM'71, and Timothy R. Smith, SM'72—is that the lysosomal enzymes, by clearing away the

cancer cells' smooth, concealing covering of sialic acid, stirred up the mouse's own immunological system, which then attacked and halted the cancer.

Their theory is based on the fact that the immunological system starts functioning only when it recognizes that an invading cell or bacteria is foreign by substances (antigens) on the foreign cell surface. Cancer cells apparently are able to evade the immunological defense system because the cancer antigens are either concealed or else do not differ sufficiently from the host to stimulate the immunologic response. Once the enzymes strip away the concealment from the cell surface, the Loma Linda team theorizes, the cancer can be recognized as foreign.

The observations of many other investigators regarding lysosomes suggested their new method of fighting cancer to the Loma Linda investigators. Lysosomal activity has been reported in numerous studies to be associated with changes and regression of some tumors. Also it is known that lysosomal enzymes are involved in the inflammatory reaction. (Inflammation occurs, for example, when the immunological sys-

tem is trying to kill off an infection by a foreign organism.)

To produce the effect of an inflammatory response in the area of the cancer, Dr. Jolley and his associates decided to inject lysosomal material in the mice intravenously. They took mouse liver cells and by centrifugation and chromatography obtained 15 lysosomal constituents which they tested individually to find the most effective cancer-killing substance. Three of the fractions (which they labeled U, D, and A) showed anti-tumor activity, and D was found to be the most effective. Considerably more dead cancer cells and infiltration of the tumor by white blood cells was found when D was injected than with any of the other lysosomal fractions.

"It would seem, therefore," the Loma Linda report concluded, "that lysosomal constituents contribute to an inflammatory state which inhibits the tumor or possibly even causes complete tumor remission."

Another unusual feature to which the report calls attention is that two of the co-authors participating in this sophisticated research were medical students.

LLU students receive awards for excellence, scholarship

Over 100 honor awards were presented to students of Loma Linda University recently in recognition of superior scholarship and active participation in the student community.

Following is a list of this year's awards to students in the six schools on the Loma Linda campus.

School of Nursing
Allstate Foundation Award: Joyce K. Johnston, Marilyn D. Thunquest.

Alumni Association Award: Robyn M. Chapman, Roberta H. Coon, Susan L. McCarthy.

Woman's Auxiliary to Riverside Medical Association: Sandra E. Maddox, Jane D. Meister, Jean D. Meister, Barbara J. Milliken.

Woman's Auxiliary to the San Bernardino County Medical Association: Elizabeth I. Atch-

ison, Frances P. Brower, Mary J. McGregor.

The President's Award: Brenda C. Duerksen.

School of Dentistry
Dental Assisting Award: Deborah A. Cantwell.

Sigma Phi Alpha Award: Dorothy A. Kahler, Carol A. McGuinness, Sondra B. Walker.

Dental Hygiene Award: Betty A. Wagner.

Southern California Dental Hygienists Association Award: Gloria D. Cook.

The Mitchell Award: Candace J. Cummings.

American Academy of Gold Foil Operators Award: L. Clifford Goff.

American Academy of Roentgenology: Warren M. Francis, Jr.

American Association of Or-
Continued on page 4

Book Talk

Unholy Smoke

By George W. Target

(Excerpts from his book published by Eerdmans, 1969)

What is truth? said jesting Pilate; and would not stay for an answer.

I did stay, and got answers—but truth?

Ireland, of all countries, is no place of recent beginnings and happy endings, of short memories and clean slates—but, rather, of the dreams we call history, the promises we call tomorrow, the confusion we pretend is reality, the stone we accept for Living Bread.

So, as it comes, then, as it happened and happens, sights, sounds, words, smells, agonies, people . . . The people, yes!

Bernadette Devlin, another one of the names . . .

All that "human interest" bit: third-year psychology student at the Queen's University (that place again), 21 at the time of her election, youngest member of Parliament, youngest woman ever elected . . .

(Youth, of course, remains almost a criminal offence to some people—especially to those who've no longer got it on their side.)

Called "this Fidel Castro in a mini-skirt" by one outraged Unionist member of Parliament in trousers . . .

(How dare she be intelligent and attractive enough to be able to wear a mini-skirt? Let's keep sex out of politics!)

"Miss Devlin's courage, tenacity and vision," said Frank Gogarty, the chairman of the Civil Rights Movement in Northern Ireland, "have been a source of inspiration to all of us . . ."

"The murder in this young woman's heart," said Ian Paisley, "boils to the surface and spills from her mouth as she screams . . . The veins of Miss Devlin are polluted with the venom of Popish tuition . . ."

(If he said that about me I'd know I was heading in the right direction.)

"She is the brightest, the freshest and, of course, the prettiest Irish politician," wrote Sean Cronin, "and her cry for justice has come across loud and clear."

"This wild irresponsible child," said another Unionist Parliament member, "is a danger to any civilized society, and has left behind her a trail of human misery and suffering."

All the voices, all the opinions . . .

What's her own voice? What's she got to say for herself?

"I have always said that I believe the social, cultural and economic problems of Northern Ireland—and the present problem is a mixture of all three—can only be solved [by] the

New organ program featured over KLLU

Music from one of America's finest pipe organs is being featured weekly over Loma Linda University's radio station, KLLU-FM, according to program director Lee A. McIntyre.

The organ series features the 6,300-pipe organ at the world headquarters of the Reorganized Church of Jesus Christ of Latter Day Saints in Independence, Missouri.

Built in 1959 at a cost of more than \$100,000, the organ was designed especially for the church's 5,800-seat auditorium.

The half-hour transcribed broadcasts are heard each Sunday at 4:30 p.m.

establishment in Ireland of a 32 County Republic. This is different from simply saying we want to join the South . . . Economically [the South] couldn't support six more economically depressed counties. . . .

"The are fighting for a Protestant State for the Protestant rich. We are fighting for a country where the poor, Catholic and Protestant, will—for a change—have the better things of life." . . .

Stay as sweet as you are, Bernie, and don't let the professionals give you that old run around. Because they'll use you, twist your innocence, rattle your political girlhood, turn an image of idealism into one of childish bad-temper. . . .

Gas, then . . . and stones, iron-bars, gratings, railings, petrol-bombs, riot-sticks, the Bogsiders inside and the police and Protestants outside, fires, barricades, broken glass, thick smoke rolling along the streets . . .

Hour after hour . . . British troops entered Derry . . .

The fighting stopped. For how long? . . .

A walk in the rubble, Sunday afternoon and the sun shining . . .

Like the day after an air-raid, streets burned with incendiaries, the smell of wet ashes, blackened rafters angled and sagging against the thin clouds, the rubble spilling out over the pavements . . .

Couple of lads, 17, 18, both with thick lips, one with a black eye, the whole side of his face bruised and swollen, the other with his right hand in an already dirty bandage . . .

A nun with an old lady, standing in what had once been the front-room of a house in a row of 20 others, all burned . . . The nun picks up a small china ornament from the floor by the fireplace, looked like a vase in the shape of a flower, very white in her hands . . . and the old lady, the tears unashamed on her cheeks, accepts it from her, and the nun keeps hold of her hands, and is now also crying . . .

Paving-stones built into a low wall, the scrawled chalk of a game of hopscotch yesterday still there on one slab . . .

But, before we start this last lap, let there be no doubtful bones about any of it: So all right, it's the Roman Catholics who have been most wronged by Protestants, and it's the Protestants who've got most to put right—yet it's all who have come short, all who are crucifying Christ . . . on a Roman

School of Medicine senior's internship locations announced

School of Medicine graduating seniors will spend the next year interning at a hospital approved by the University. Upon completion of the internship they may either enter general practice or seek further education in one of the medical specialties, a project requiring from one to seven years of residency at an approved hospital.

Beginning their new internships are Christopher O. Adeoye, White Memorial Medical Center, Los Angeles; Paul C. Boynton, Jr., Florida Sanitarium and Hospital, Orlando, Florida; Herbert D. Brahman, Letterman General Hospital, San Francisco; Sherry L. Brahman, Letterman General Hospital, San Francisco; Gerry Cabalo, Glendale Adventist Hospital, Glendale; Stephen S. Chang, Glen-

dale Adventist Hospital, Glendale; Marshall R. Ching, Los Angeles County General Hospital, Los Angeles.

Keith K. Colburn, Charles Kettering Memorial Hospital, Kettering, Ohio; Christopher Cumings, White Memorial Medical Center, Los Angeles; James L. Davidian, Florida Sanitarium and Hospital, Orlando, Florida; Arthur N. Donaldson, Glendale Adventist Hospital, Glendale; James B. Frost, Tripler General Hospital, San Francisco; Byron Fujimoto, Loma Linda University Hospital, Loma Linda; Lee O. Gates, Loma Linda University Hospital, Loma Linda.

Fekede Gemechu, Charles Kettering Memorial Hospital, Kettering, Ohio; Gary L. Groves, Loma Linda University Hospital, Loma Linda; G. Allen Gustafson, Charles Kettering Memorial Hospital, Kettering, Ohio; Richard H. Hart, Loma Linda University Hospital, Loma Linda; James C. Heinrich, Mercy Hospital and Medical Center, San Diego; Delbert H. Hodder, Fitzsimons General Hospital, Denver, Colorado; John D. Jacobson, Sacred Heart Hospital, Spokane, Washington.

Richard H. Knierim, University of Washington Affiliated Hospitals, Seattle, Washington; George H. Kuzma, Hartford Hospital, Hartford, Connecticut; John R. La Gorgue, Orange County Medical Center, Orange; Gerald E. Lake, Loma Linda University Hospital, Loma Linda; George J. Lejnieks, Sacramento Medical Center, Sacramento; James E. LeVos, Loma Linda University Hospital, Loma Linda; Annie L. Liem, Glendale Adventist Hospital, Glendale.

Caleb Liem, Glendale Adventist Hospital, Glendale; Beverly J. Ludders, Loma Linda Uni-

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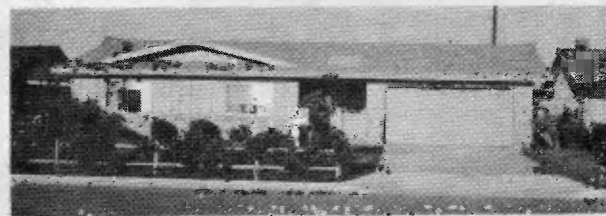
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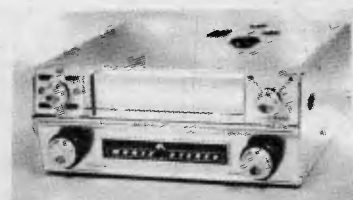


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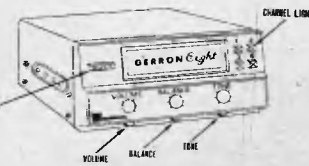
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San Bernardino

Internships

Continued from page 2

versity Hospital, Loma Linda; Enn Magi, Loma Linda University Hospital, Loma Linda; Robert J. Marsa, Henry Ford Hospital, Detroit, Michigan; Neva C. Mason, Loma Linda University Hospital, Loma Linda; Sharon L. Mason, Los Angeles County General Hospital, Los Angeles; Barrie S. May, Loma Linda University Hospital, Loma Linda.

William A. McKay, Charles Kettering Memorial Hospital, Kettering, Ohio; D. Larry Miller, Loma Linda University Hospital, Loma Linda; C. Sheridan Murphy, Kaiser Foundation Hospital, Oakland; Timothy E. Neufeld, Charles Kettering Memorial Hospital, Kettering, Ohio; Michael Norris, Los Angeles County Harbor General Hospital, Torrance; Edward A.

Nygard, Glendale Adventist Hospital, Glendale; Barbara J. Orr, Tucson Hospitals Medical Education Program, Tucson, Arizona.

George A. Ortiz, Charles Kettering Memorial Hospital, Kettering, Ohio; Roberta R. Palmer, Childrens Hospital of Orange County, Orange; Douglas W. Peterson, San Joaquin General Hospital, Stockton; Ernest N. Platt, Riverside County General Hospital, Riverside; James E. Ramsey, Loma Linda University Hospital, Loma Linda; Robert E. Rentschler, Loma Linda University Hospital, Loma Linda; Leon L. Reuhland, Florida Sanitarium and Hospital, Orlando, Florida.

V. James Ritacca, Los Angeles County General Hospital, Los Angeles; Ronald W. Rosenquist, Emanuel Hospital, Portland, Oregon; Glenn E. Ruminson, Loma Linda University Hospital, Loma Linda; Francis L. Saunders, Loma Linda University Hospital, Loma Linda; Harley G. Schalesky, Sacramento Medical Center, Sacramento; Gerald S. Schoepflin, Loma Linda University Hospital, Loma Linda; Hildegard A. Schone, Milwaukee Children's Hospital, Milwaukee, Wisconsin.

Frederick A. Schumann, Glendale Adventist Hospital, Glendale; Ronald L. Servoss, United States Public Health Service, New Orleans, Louisiana; John S. Shank, Deaconess Hospital, Spokane, Washington; Merrill J. Shidler, Charles Kettering Memorial Hospital, Kettering, Ohio; Donovan P. Shively, Mercy Hospital and Medical Center, San Diego; Donley D. Siddall, White Memorial Medical Center, Los Angeles; James D. Simpson, Jr., Sacramento Medical Center, Sacramento.

Nancy W. Simpson, Sacramento Medical Center, Sacramento; Vanoy H. Smith, Deaconess Hospital, Spokane, Washington; Gerald W. Snipes,

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Rabies vaccine clinic scheduled

County-wide immunization clinics have been set for all major population centers, according to Merle E. Cosand, MD, San Bernardino County Health Officer.

Low-cost clinics, sponsored by private practicing veterinarians and by the San Bernardino County Department of Public Health, will be given at over 70 locations.

Clinics in the Loma Linda area will be held at Loma Linda Academy, June 3, from 3 to 4:30 p.m., and at the Victoria School, June 3, from 6 to 7 p.m.

Pets may be licensed and vaccinated at the reduced clinic rate of \$6 for both males and females.



—Staff photo

SPURGEON R. KUNKEL, DDS, one of the directors of the Dental Foundation of California, presents Charles J. Goodacre with a trophy for his part in preparing the prize winning table clinic "Precision Attachments Simplified." The award was made last week at the Dental Students Association meeting.

Planning

Continued from page 3

the basis of a good, small University.

The University will expand arts and sciences course offerings on the Loma Linda campus with a corresponding reduction in such course offerings on the La Sierra campus in order to avoid unnecessary duplication.

Increased graduate courses will be offered on the La Sierra campus involving teachers on a day-by-day basis—in addition to those graduate programs based on that campus.

Available to all students of the University without reference to their school or program affiliation will be the curricula of the Division of Religion and the department of religion. The effective mobilization of the resources within these two units will be by an eventual merger into a School of Religion with free and open faculty interchange without making reference to geographic or program limitations.

The libraries on the two campuses will be merged to a greater degree.

Interdisciplinary activities will be facilitated, both formal and informal—such as interdisciplinary faculty sessions, faculty forums, and interdisciplinary research.

Integration and correlation will proceed without damage to any segment of the present program, nor to the embarrassment of identifiable resources—fiscal, faculty, facilities, or students.

Any academic expansion must be based upon demonstrable manpower needs in critical areas of the church's program. Moreover, such expansion should be achieved if possible by means of shortened curricular time or through innovative curricular patternings rather than primarily or solely through increased class size.

Organization

Ultimately, a vice president for health sciences based on the Loma Linda campus and a provost to provide executive coordination on the La Sierra campus will be appointed. Until such officers are appointed, the president, David J. Bieber, will serve as vice president for health sciences relating to the deans of such schools in clinical areas; and the vice president for academic affairs, Robert E. Cleveland, PhD, will serve as provost of the La Sierra campus, spending more than half his time in that location.

Tracy R. Teele was appointed vice president for student affairs, continuing also to serve as dean of students on the La Sierra campus.

Student affairs

The administration was encouraged to continue and extend a spirit of "community" within the University with significant involvement of students in institutional affairs.

Formal procedures were introduced for evaluating prospective teachers and newly hired teachers before they ac-

quire tenure—student opinion being included in the process.

Public relations

A public advisory group was suggested in which prominent and influential citizens from outside the Seventh-day Adventist church can contribute to the advancement of the University.

Further study will be the development of a more comprehensive service to schools of the University in the field of corporation, foundation, and government grants.

Created was a systematic program of research for the purpose of determining public attitudes and expectations of the University, and testing the effectiveness of and response to University programs.

Also recommended was the creation of an electronic capability for inter-campus video and audio communication, and creation of a comprehensive public relations office on the La Sierra campus particularly related to La Sierra needs, but within the total University public relations complex.

Suggested was a plan for greater initiative on the part of the University as an instrument of the church in present-

ing a clear public witness concerning the character of God.

Other recommendations, many of substantial importance, were made in four areas.

Academic affairs

Recommended for the College of Arts and Sciences was a serious review of the departmental structure with a view to consolidation coupled with a strengthening of interdisciplinary curricular programming; more active student recruitment in program areas in which there is presently low student interest, yet in which there remains a high church identity and commitment—such as agriculture and other applied arts areas; maintenance of liaison with sister institutions to avoid duplication of programs attracting small numbers of students; establishment of a reasonable faculty-student ratio for budgetary purposes and as a means of monitoring and controlling course proliferation and curtailment of faculty recruitment except for the replacement of essential faculty members lost through retirement or transfer—in these instances newly recruited faculty members should be broadly

Continued on page 4

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Calendar

Of Future Events

Friday, May 29

Sunset 7:52

LA SIERRA CHURCH, LS—Commencement weekend, vespers, Fritz Guy, assistant professor of theology and philosophy, "The Consecration of an Educated Mind": 8 p.m.

UNIVERSITY CHURCH, LL—Commencement weekend, vespers, Richard C. Nies, PhD, Glendale clinical psychologist, "The Anatomy of Moral Decision": 8 p.m.

LINDA HALL, LL—Loma Linda Youth Association meeting: 7:30 p.m.

Saturday, May 30

CAMPUS HILL CHURCH, LL—Hour of worship, pastor Wilbur K. Chapman, "Tale of Two Builders": 8 and 10:55 a.m.

UNIVERSITY CHURCH, LL—Hour of worship, Rudy E. Klimes, president, Japan Missionary College, "The Masks are on Parade": 8 a.m.

UNIVERSITY CHURCH, LL—Commencement weekend, hour of worship, Wilber Alexander, PhD, professor of systematic and pastoral theology, Andrews University, Berrien Springs, Michigan, "Updating

Faith, Hope, and Love," admission by ticket only: 11 a.m.

LA SIERRA CHURCH, LS—Commencement weekend, hour of worship, George E. Vandeman, associate secretary, ministerial association, General Conference of Seventh-day Adventists, "The Search for Ecstasy," admission by ticket only: 11 a.m.

Sunday, May 31

REDLANDS COMMUNITY BOWL—Commencement weekend, conferring of degrees, George H. Armacost, PhD, president, University of Redlands, "Tell It Like It Is," admission by ticket only: 9 a.m.

Tuesday, June 2

UNIVERSITY HOSPITAL A-LEVEL AMPHITHEATRE, LL—Genetics Grand Rounds, Richard G. Brill, MD, superintendent, California School of the Deaf, Riverside, "Hereditary Deafness": 12:10 p.m.

Wednesday, June 3

UNIVERSITY HOSPITAL A-LEVEL AMPHITHEATRE, LL—Medicine Grand Rounds, Robert Sullivan, MD, "The Treatment Approach in a Patient With Cancer": 8 a.m.

Planning

Continued from page 3

based and competent to lead out in interdisciplinary studies.

Recommend for the School of Nursing was the development of open curricula, providing maximum opportunity for vertical mobility and encouragement for academic progression from vocational to leadership nursing at the baccalaureate and graduate levels.

School of Public Health recommendations included stabilization of the operating budget at approximately the level of the 1970-71 budget; increased recruitment efforts to permit higher admissions standards as well as increased student enrollment; development of a strong undergraduate base and stronger interdisciplinary ties with the other professional schools; and expansion of the evangelistic thrust of the School of Public Health through student recruitment and community involvement.

Recommendations for the Graduate School included emphasis in the graduate program in biology on human biology, taking advantage of the strong human biological orientation of the basic science faculties within the University.

School of Dentistry suggestions were an expansion of the physical plant with a concomitant intensive faculty recruitment program to service existing programs.

Organization

The administrative organization of Loma Linda University shall be on a unitary basis with all vice presidential administrative officers reporting directly to the president and only the president reporting to the University Trustees, and the administration of the University shall prepare new or appropriately revised job descriptions for all major offices and positions in the organization.

Recommended was the development of a University-wide wage scale which ignores sex, marital status, and campus and is based on logical and understandable relationships within the University, maintaining a reasonable relationship to prevailing wage scale within the church, and more adequate provision for professional needs of teachers in equipment, library resources, professional travel and research, and departmental secretarial assistance.

Finance

It was suggested that tuition rate increases should generally be projected on the basis of the anticipated increased cost of education; creation of a more stable base of financial support by tying church support to an established percentage of church income, with such funds appropriated for allocation by the University Trustees according to the needs of the University; utilization of

carefully screened and budgeted state and federal support money as sources of income for selected programs of the University; and efforts to maximize the net income from auxiliary and industrial operations, with a uniform organizational plan for commercial and industrial activities on both campuses.

The creation of a North American Division Board of Higher Education, structured to plan for and—in terms of general coordination and policy—guide in the operation of all denominational institutions of higher education within the division was recommended.

Student affairs

Continuing studies regarding student life in such areas as housing and food service, registration, academic advisement, religious activities, and social activities was recommended along with continued development of a counseling center capable of meeting the developmental needs of disadvantaged students on both campuses.

Financial aids

Concerned effort was suggested to develop new sources of student financial aid with students from minority groups and those with cultural backgrounds indicating special educational needs receiving a significant portion of this increased assistance and a study of the possibility of establishing a new industry on the La Sierra campus to provide added student work opportunities.

Public relations

Recommendations were made for a development of programs and services, including extension programs, that would provide a more effective University presence in outlying areas served by the University; encouragement to administration, particularly the president, to seek more involvement at appropriate levels with community leaders, with corporation and foundation executives, and with heads of government agencies who may be in a position to assist the University; and encouragement of public service activity by faculty, staff, and alumni.

Development staff

Revision of the alumni fund raising program to include more personal meetings with groups of alumni was suggested. Improved communication was outlined with more effective communication with the church, more specific communication to the professional community, and careful analysis of University publications in an effort to consolidate and economize in their production.

The master plan council also recommended preparation of a University statement of principles in public relationships together with a plan for its dissemination. Such a statement would include a general ex-

Womens club to host archeology expert

A 1958 School of Medicine graduate will speak to the Faculty Women's Club at their last meeting of the year, June 1, at 7:30 p.m.

William H. Shea, MD, will lecture on "Egyptian Archeological Evidence of the Exodus."

Dr. Shea will receive a master's degree in archeology from Harvard University, Cambridge, Massachusetts, this summer. He and his wife, Karen Olsen Shea, a 1959 graduate of the School of Medicine, will leave for a three year term of mission service in Trinidad later this year.

The Monday evening meeting will be held in the home of Dr. and Mrs. Geoffrey A. Gardiner, 11535 Acacia Street, Loma Linda. Husbands are invited.

Ethnic balance

Continued from page 1

funds for all worthy La Sierra campus students in financial need.

Still another action of the trustees authorized the creation of a special administrative committee to make a thorough study of all of the University's programs of recruitment, counseling, and financial aid to determine ways in which these programs can implement the objective of a more equitable reflection in student population of the church's ethnic characteristics.

Currently over 17 percent of all students enrolled in the School of Medicine are from ethnic minorities, including overseas students. Nearly 20 percent of the La Sierra campus students are from ethnic minority groups. Figures on other University schools were not immediately available.

President Bieber welcomed the assistance offered by a recently organized Afro-American Association of Loma Linda University. The group proposes six specific services: To provide the beginning of permanent channels of communication between University leaders and black leaders; to provide a tutorial and self-help program for students whose socioeconomic backgrounds may have produced educational deficits but whose intellectual capacity to complete their chosen course is adequate; to provide housing information for the anticipated increased black enrollment; to provide blacks with information regarding scholarships, loans, and related financial information; to try with University help to change negative attitudes toward the University in black high schools and other institutions; and to provide a center where complaints revolving around unequal treatment of blacks in the University community can be channeled.

pression of concern for Christian witness, for the public interest, and for good human relations in the operation of the University, as well as specific statements in which the principles are applied to the work of the various units of the University.

Also suggested was the fostering through appropriate channels interdisciplinary faculty colloquia in the field of Christian witness; utilization of both University and public media for a distinctive theological witness of the University; continuing service to alumni in their Christian witness by means of materials such as discussion outlines or film strips, and a "question and answer" service on theological matters; and consideration of positive development of a "Christian Action Center," as well as other activities designed to foster among all departments, agencies, and individual members of the University family a more effective witness/outreach.

Geography of events will be topic of extension course

A new Loma Linda University extension course on "Geography of Current Events" will be offered this summer, according to Vernon H. Koenig, EdD, dean of summer sessions and extension.

The one hour course will be taught by Robert E. Cleveland, PhD, vice president for academic affairs.

The class will concentrate on current events in their geo-

graphical setting showing their political import, Dr. Koenig says.

Cost for the course will be \$15 for one semester hour of credit or \$7.50 for non-credit. The class will begin Tuesday, June 23, at 7 p.m. in room 1-A of Griggs Hall on the Loma Linda campus.

Internships

Continued from page 3

Orange County General Hospital, Orange; David E. Stabel, Wilford Hall United States Air Force Hospital, Lackland, Texas; Carl B. Steinbacher, Wilford Hall United States Air Force Hospital, Lackland, Texas; Charles E. Stewart, Charles Kettering Memorial Hospital, Kettering, Ohio; Thomas E. Stiles, Loma Linda University Hospital, Loma Linda.

Rolland L. Sturtevant, Loma Linda University Hospital, Loma Linda; Severiano Valenzuela, Loma Linda University Hospital, Loma Linda; Jerrold A. Vest, Loma Linda University Hospital, Loma Linda; Cheryl E. Vulliet, Riverside County General Hospital, Riverside; Harold J. Wadley, Madigan General Hospital, Tacoma, Washington; Hansen S. Wang, Loma Linda University Hospital, Loma Linda; Wendell E. Wettstein, Vancouver General Hospital, Vancouver, British Columbia, Canada.

Ernest G. White, Charles Kettering Memorial Hospital, Kettering, Ohio; David L. Wilkins, Sacramento Medical Center, Sacramento; Dallas D. Williams, Loma Linda University Hospital, Loma Linda; George F. Williams, Riverside County General Hospital, Riverside; Daniel H. Wissinger, White Memorial Medical Center, Los Angeles; Herbert R. Wolf, Florida Sanitarium and Hospital, Orlando, Florida; Bayliss B. Yarnell, Charles Kettering Memorial Hospital, Kettering, Ohio.



University SCOPE

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Awards

Continued from page 1

thodontists Award: Robert W. Hanson.

American College of Dentists Award: James A. Dieringer.

Dental Foundation of California: Galen M. Fillmore, Lawrence P. Reed.

Dentistry for Children Award: John E. Peterson, Jr.

Fixed Partial Denture Prosthesis Award: Roland L. Postlewait.

International College of Dentists Award: Robert D. Kiger.

Mosby Scholarship Award: William S. Arnett, Vann D. Cockrell, Robert W. Hanson, John R. Mathisen, Roland L. Postlewait.

National Association of SDA Dentists Award: Timmy K. Sanders.

Oral Surgery Award: John A. Johnson.

Periodontology Award: Richard D. Neufeld.

Prosthodontics Award: Roland L. Postlewait.

Southern California Academy of Endodontics Award: Ronald C. Hansen.

Southern California Academy of Oral Pathology Award: Kenneth W. Stilts.

Southern California Dental Association Award: L. Clifford Goff.

Alumni Association Award: A. William Hipolite.

The Prince Award: Lawrence W. Will.

Omicron Kappa Upsilon Award: John L. Eller, Walter A. Gang, Charles M. Giddings, John A. Johnson, Gary R. Kezler, Richard D. Neufeld, Lawrence W. Will.

The President's Award: Charles J. Goodacre.

School of Medicine

Alumni Association Award: David B. Hinshaw, Robert E. Rentschler, David B. Wilbur.

The Harold J. Hoxie Award: Robert E. Rentschler.

The Donald E. Griggs Award: Robert J. Marsa.

The Daniel D. Comstock Award: Gerald S. Schoepflin.

The President's Award: John D. Jacobson, Gerald S. Schoepflin.

School of Public Health

Mead Johnson Award of the American Dietetic Association: Judy L. Reeser.

Nutrition and Dietetics Alumni Association Award: Alice E. Calkins.

The President's Award: Marilyn J. Grosboll.

Graduate School

Edmund C. Jaeger Award: Gary R. Coulter, Beverley P. Reid, Henry A. Zuill.

The President's Award: Stephen A. Nyirady.

School of Health Related Professions

Lyle Deem Award: Peter C. Chau.

Occupational Therapy Alumni Association Award: Claire L. Willis.

Physical Therapy Alumni Association Achievement Award: Kenneth I. Bariel.

Physical Therapy Alumni Association Scholarship Award: Jerome A. Kaufman.

Southern California Association of Medical Record Librarians Award: Christine A. Kawata, Marcia L. Nelson.

The President's Award: Marilyn R. Miller.